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IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

INVENTOR(S) Zhigang Hu
 Stefanos Kaxiras
 Margaret Martonosi

CASE 1-8-1

TITLE Method and Apparatus for Reducing Leakage Power
 in a Cache Memory Using Adaptive Time-Based Decay

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

SIR:

Enclosed are the following papers relating to the above-named application for patent:

Specification
6 Sheets of informal drawing(s)

CLAIMS AS FILED				
	NO. FILED	NO. EXTRA	RATE	CALCULATIONS
Total Claims	28 -20 =	8	X \$18 =	\$144
Independent Claims	3 - 3 =	0	X \$84 =	\$0
Multiple Dependent Claim(s), if applicable			\$280 =	\$0
Basic Fee				\$740
TOTAL FEE:				\$884

Enclosed please find a check in the amount of \$884, to cover the filing fee. In the event of non-payment or improper payment of a required fee, the Commissioner is authorized to charge or to credit **Deposit Account No. 50-0762** as required to correct the error. A duplicate copy of this letter is enclosed.

The Assistant Commissioner for Patents is hereby authorized to treat any concurrent or future reply, requiring a petition for extension of time under CFR §1.136 for its timely submission, as incorporating a petition for extension of time for the appropriate length of time if not submitted with the reply.

Please address all correspondence to: **Ryan, Mason & Lewis, LLP, 1300 Post Road, Suite 205, Fairfield, CT 06430.** Telephone calls should be made to the undersigned attorney at (203) 255-6560.

Respectfully,

Kevin M. Mason

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Date: January 30, 2002
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I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated below and is addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231

Date: January 30, 2002

Signature: *Amie Shekleton*

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